Title (en)

FLUORESCENCE ENERGY TRANSFER SUBSTRATES

Title (de)

SUBSTRATE FÜR DIE ÜBERTRAGUNG VON FLUORESZENZENERGIE

Title (fr)

SUBSTRATS DE TRANSFERT D'ENERGIE PAR FLUORESCENCE

Publication

EP 0700447 B1 20030502 (EN)

Application

EP 94916313 A 19940527

Priority

- GB 9401153 W 19940527
- GB 9310978 A 19930527

Abstract (en)

[origin: GB2278356A] A method for the preparation of a polypeptide substrate, especially a fluorescence resonance energy transfer (FRET) substrate, having donor and acceptor species on opposite sides of a proteolytic cleavage site and wherein the donor and/or acceptor species are attached via the side chain(s) of amino acid(s) therein, comprises contacting a reactive donor or acceptor species with a polypeptide substrate having the side chain(s) of amino acid(s) therein adapted for reaction with the reactive species and then contacting the substrate so obtained with a corresponding reactive donor or acceptor species. The substrates so prepared may be used in assays to identify modulators of protease activity.

IPC 1-7

C12Q 1/37; G01N 33/533

IPC 8 full level

C07K 1/113 (2006.01); **C07K 14/00** (2006.01); **C07K 14/31** (2006.01); **C12Q 1/37** (2006.01); **G01N 33/533** (2006.01)

CPC (source: EP US)

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Designated contracting state (EPC)

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DOCDB simple family (publication)

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